

Proceedings of the National Conference on “Theoretical Physics Today : Trends and Perspectives” held at the Department of Theoretical Physics, Indian Association for the Cultivation of Science, Jadavpur, Calcutta-700 032, India, from April 22–24, 1998

Foreword

This topical issue of Indian Journal of Physics B is based on the contributions to the National Conference entitled ‘Theoretical Physics Today : Trends and Perspectives’, which was held at the Department of Theoretical Physics, Indian Association for the Cultivation of Science, Calcutta, India during 22-24 April 1998. This conference was devoted to the following branches of Physics : a) Atomic and Molecular Physics, b) Condensed Matter Physics, and c) High Energy Physics. These are the frontal areas in Basic Physics Research. This meeting has served as a major national forum for dissemination of scientific information in the respective fields.

The conference was well-attended by nearly one hundred and thirty participants from all over India. Thirty five invited papers, eleven to twelve in each discipline, were presented during the conference period. The presentations concern reviews, progress reports, poster sessions and panel discussions covering these fields. These reveal the level of sophistications and the soundness of theoretical research in this sub-continent.

We expect, the present volume will be of much use to the readers especially to those who are interested in interdisciplinary physics.

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